

# Colour Code

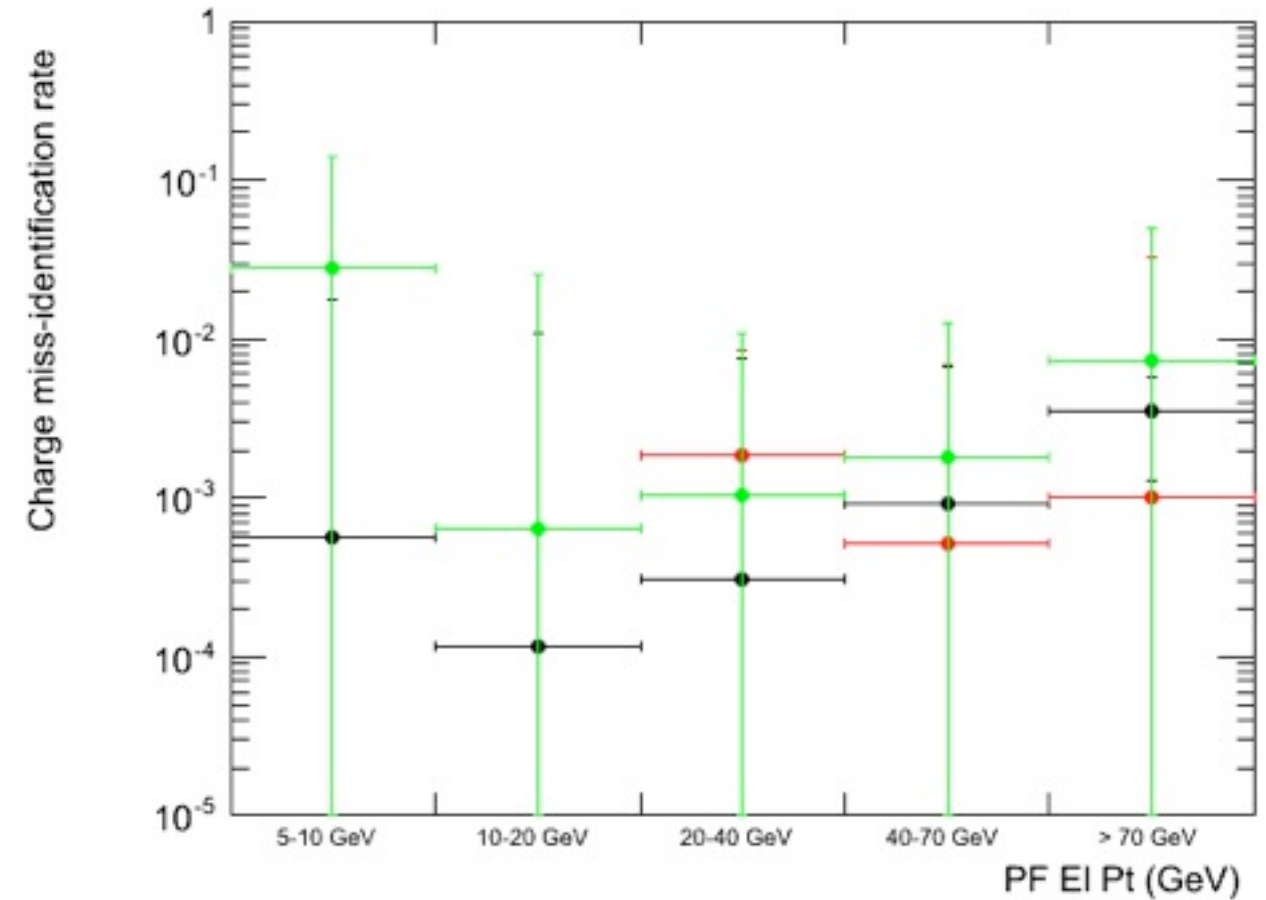
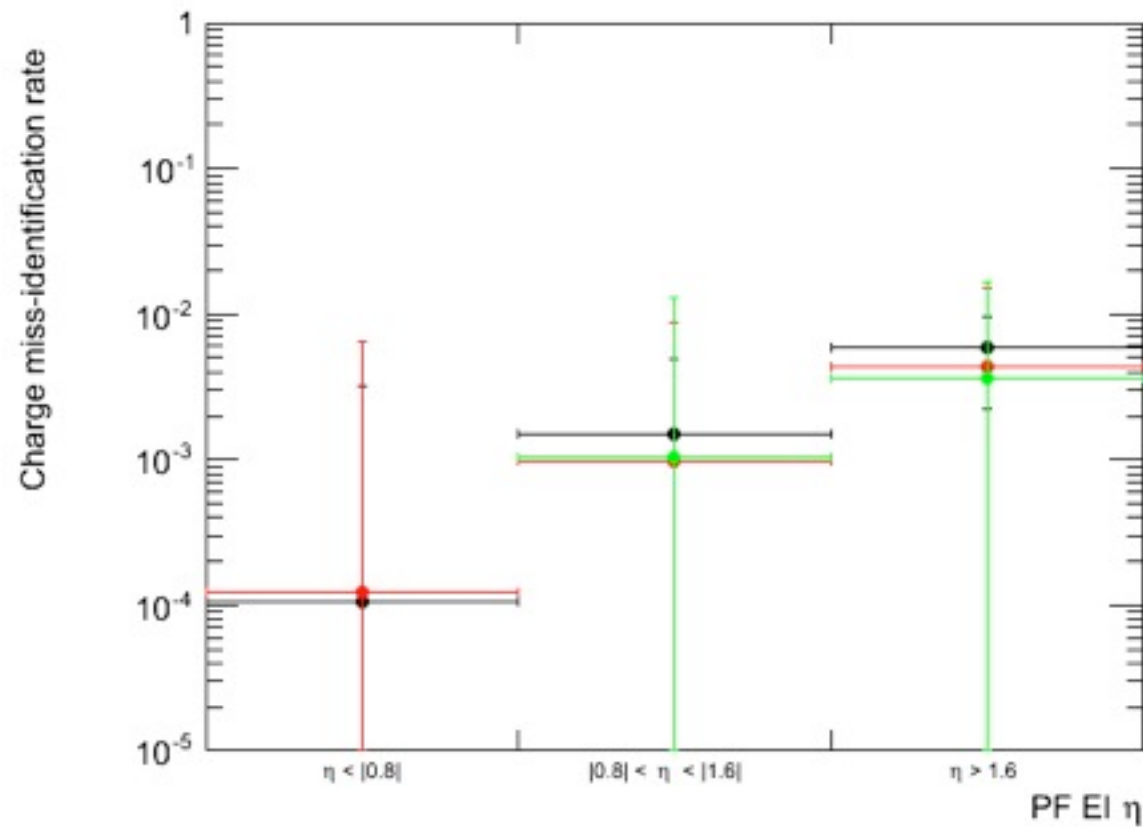
MC particle gun

MC truth Z sample

Tag and Probe MC

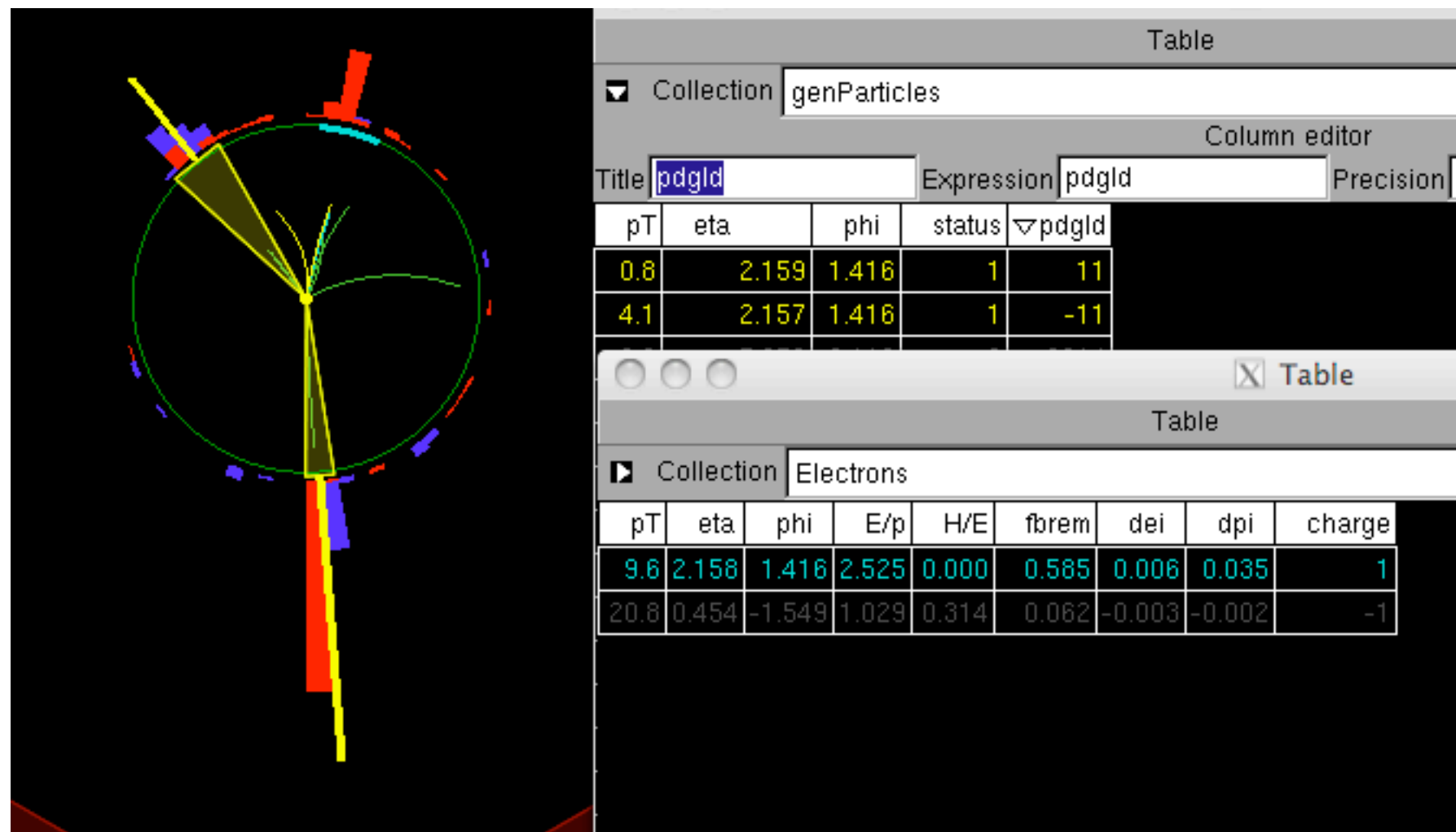
Tag and Probe Data

All pt bins together

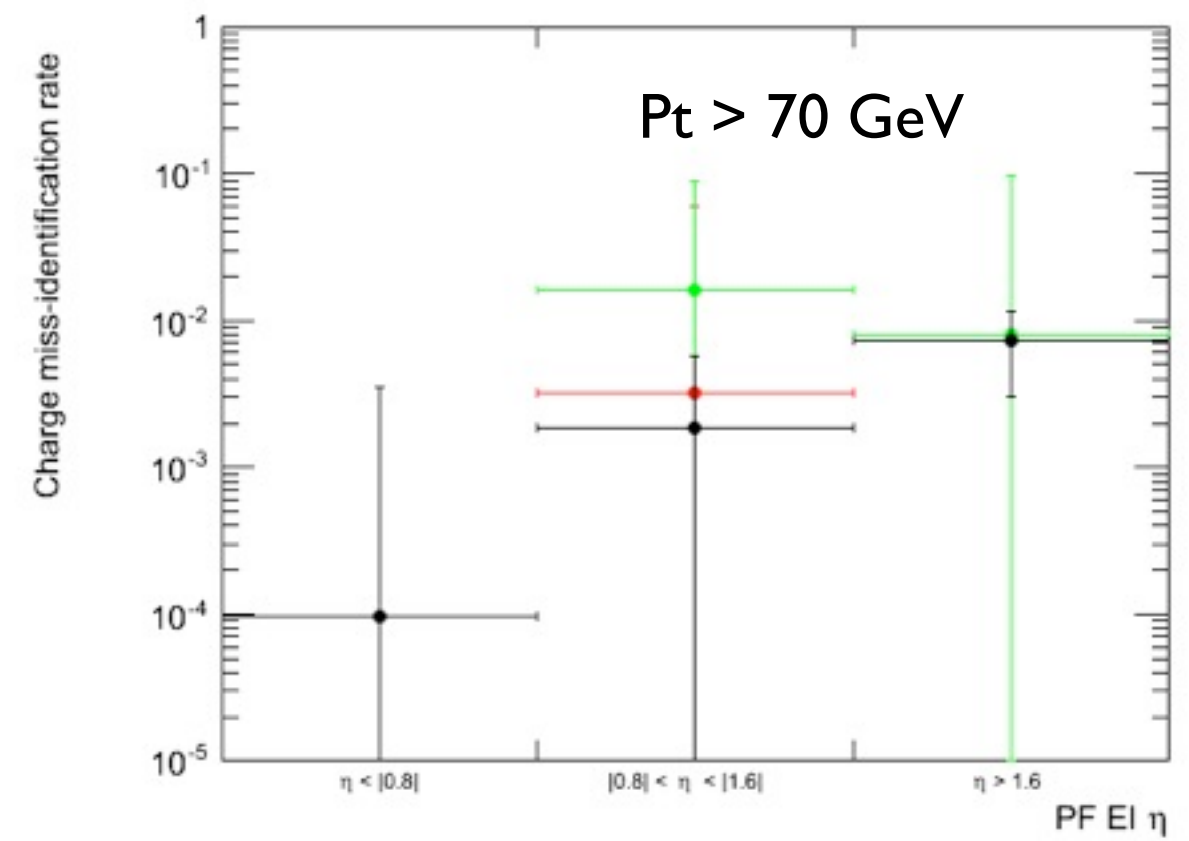
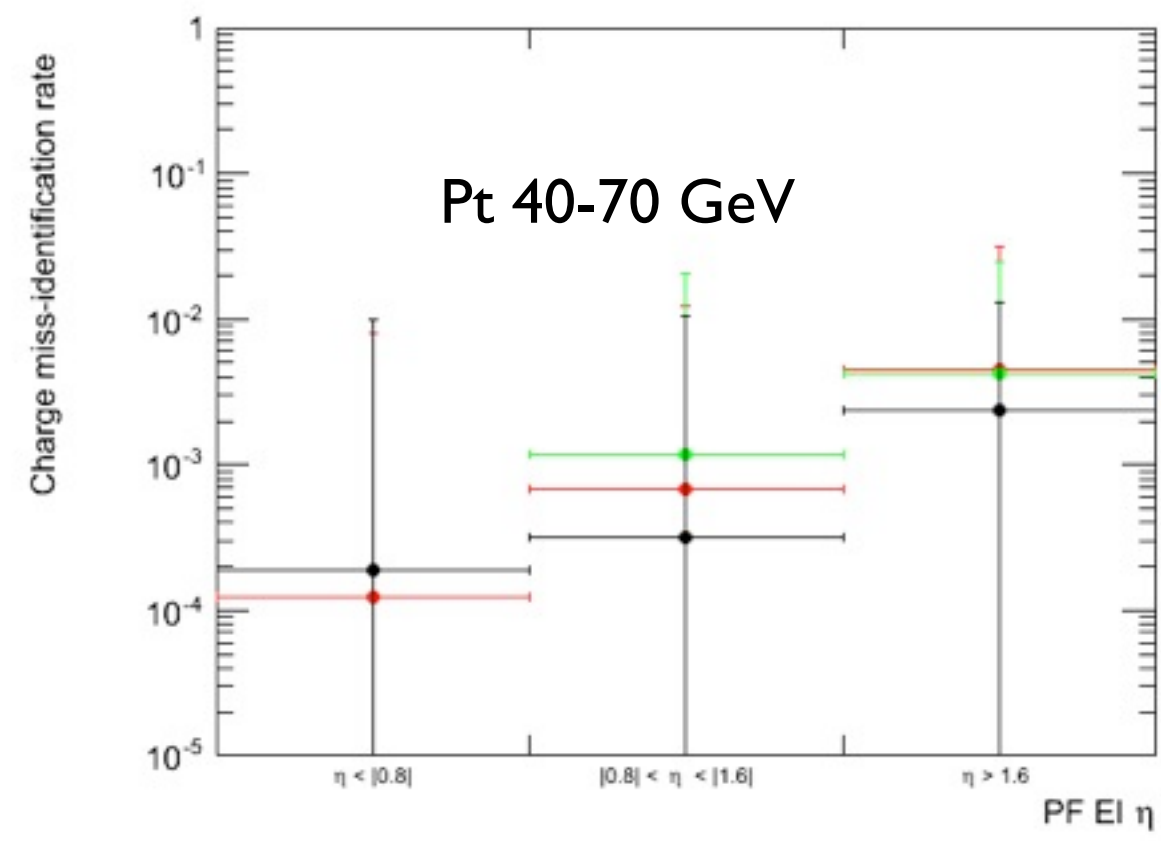
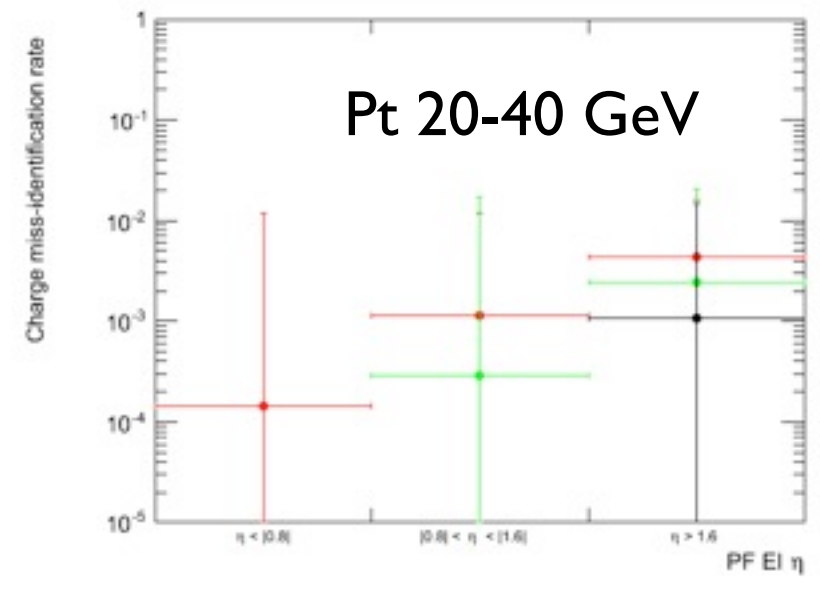
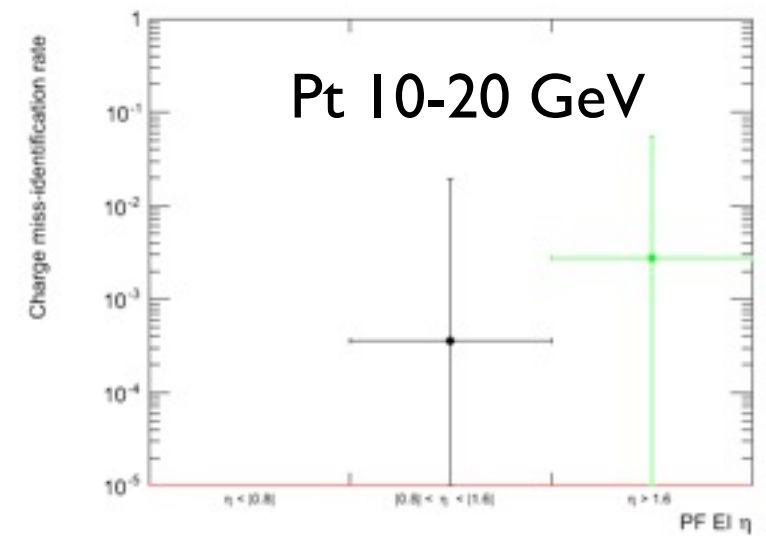
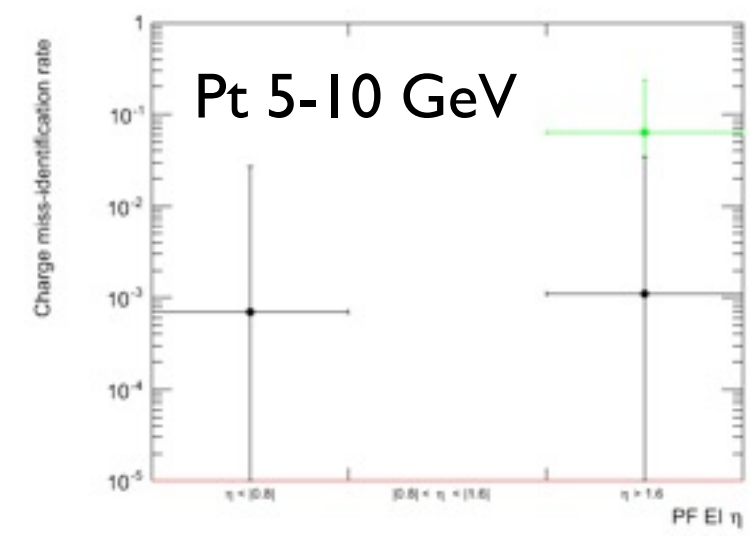


# first bin in pt 5-10 GeV

The event looks like this so is not a bug in the code



Colour Code  
MC particle gun  
MC truth Z sample  
Tag and Probe MC  
Tag and Probe Data



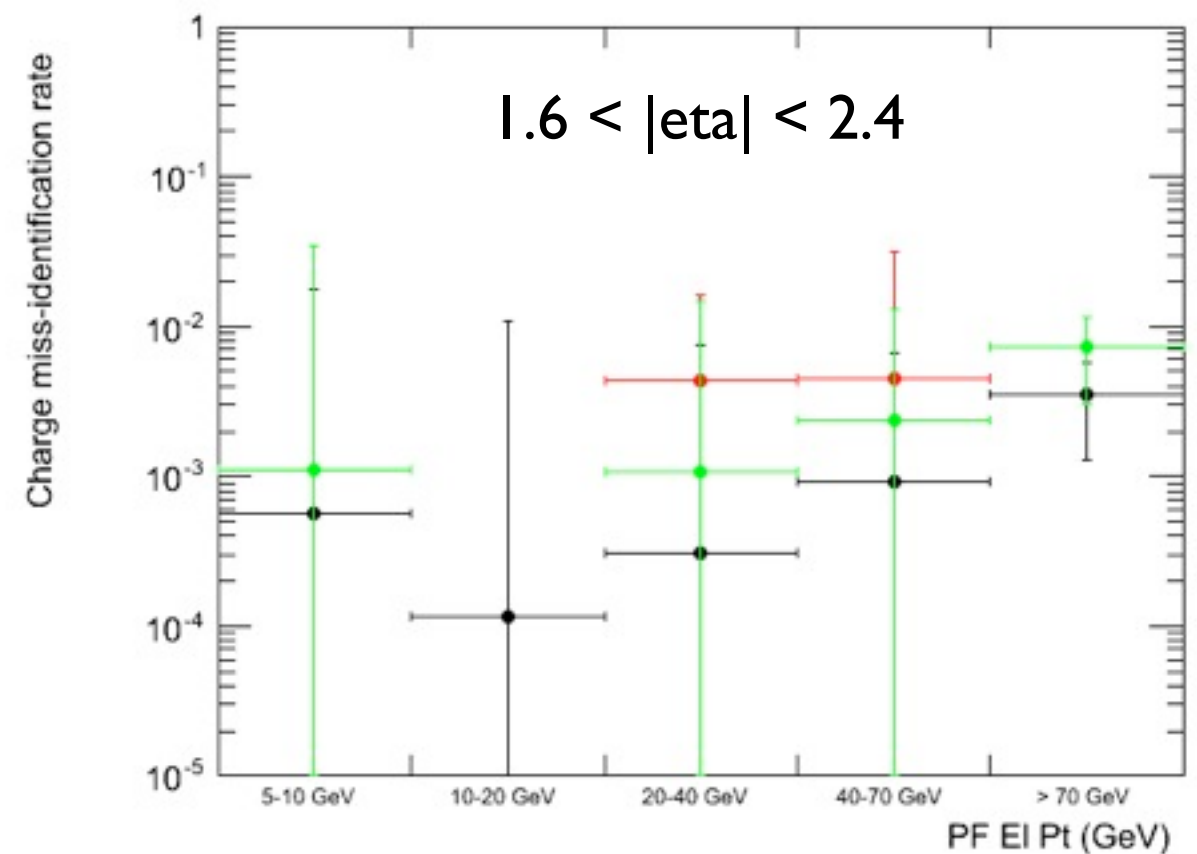
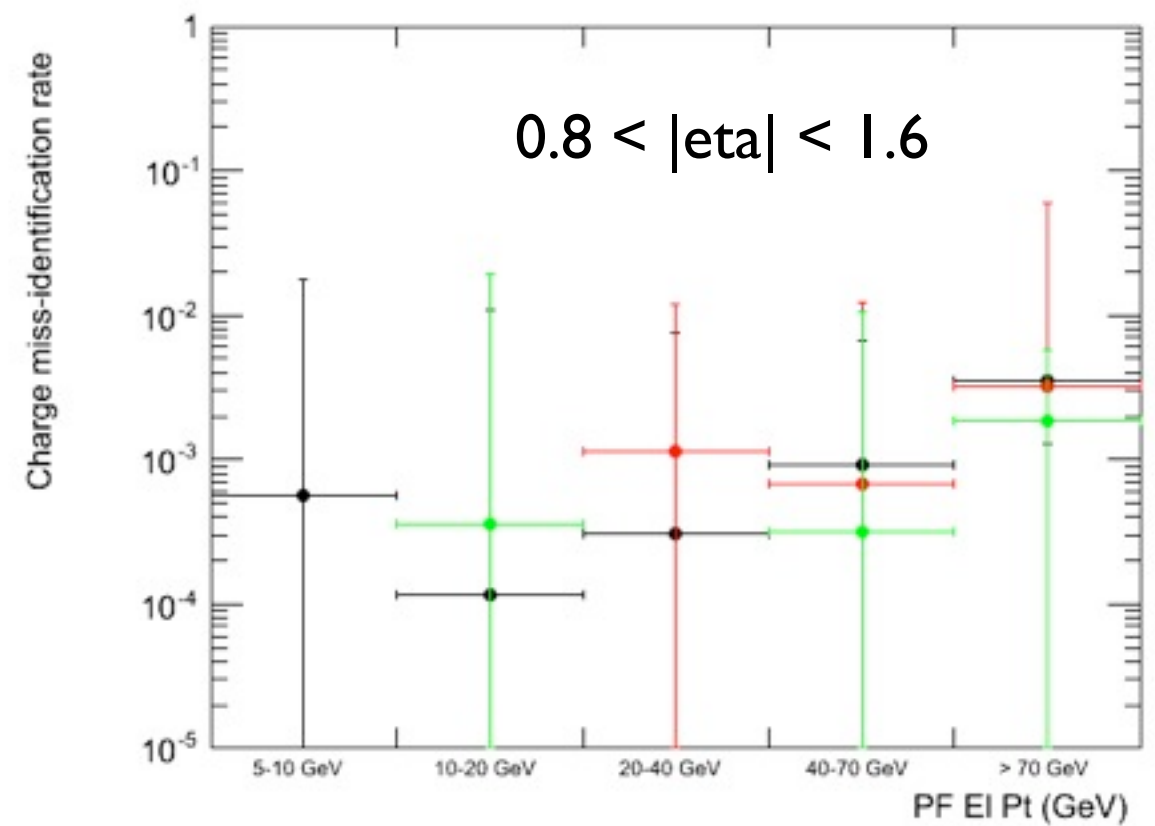
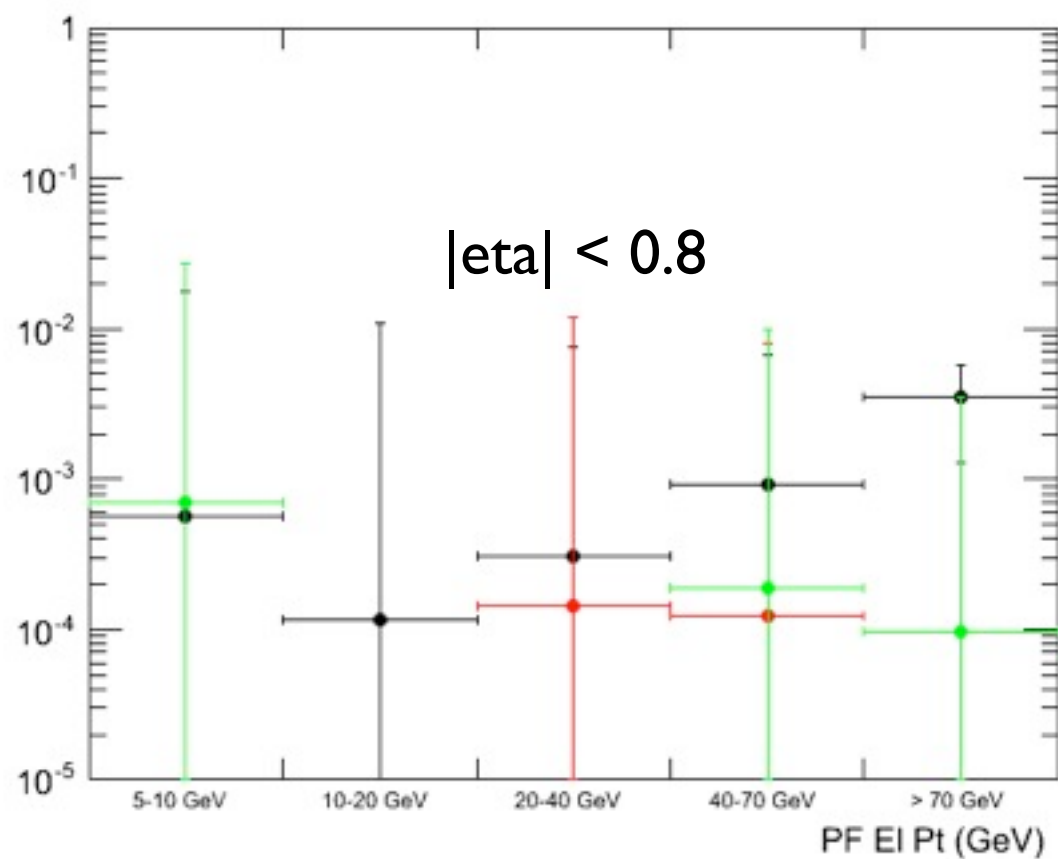
Colour Code

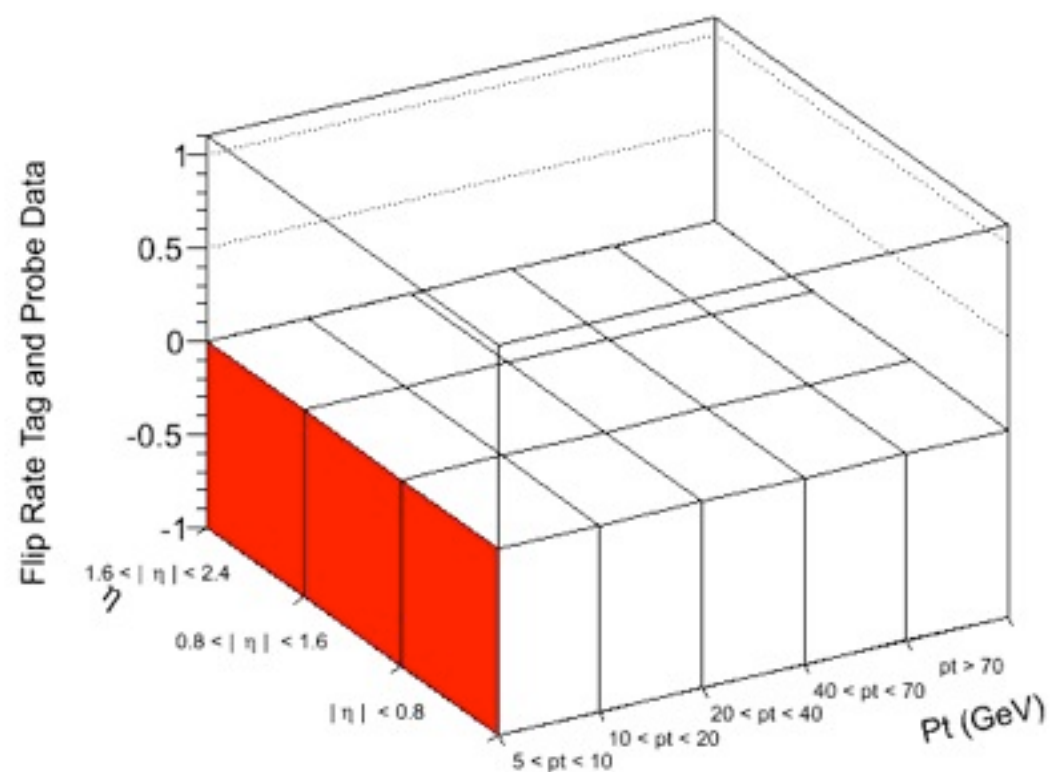
MC particle gun

MC truth Z sample

Tag and Probe MC

Tag and Probe Data

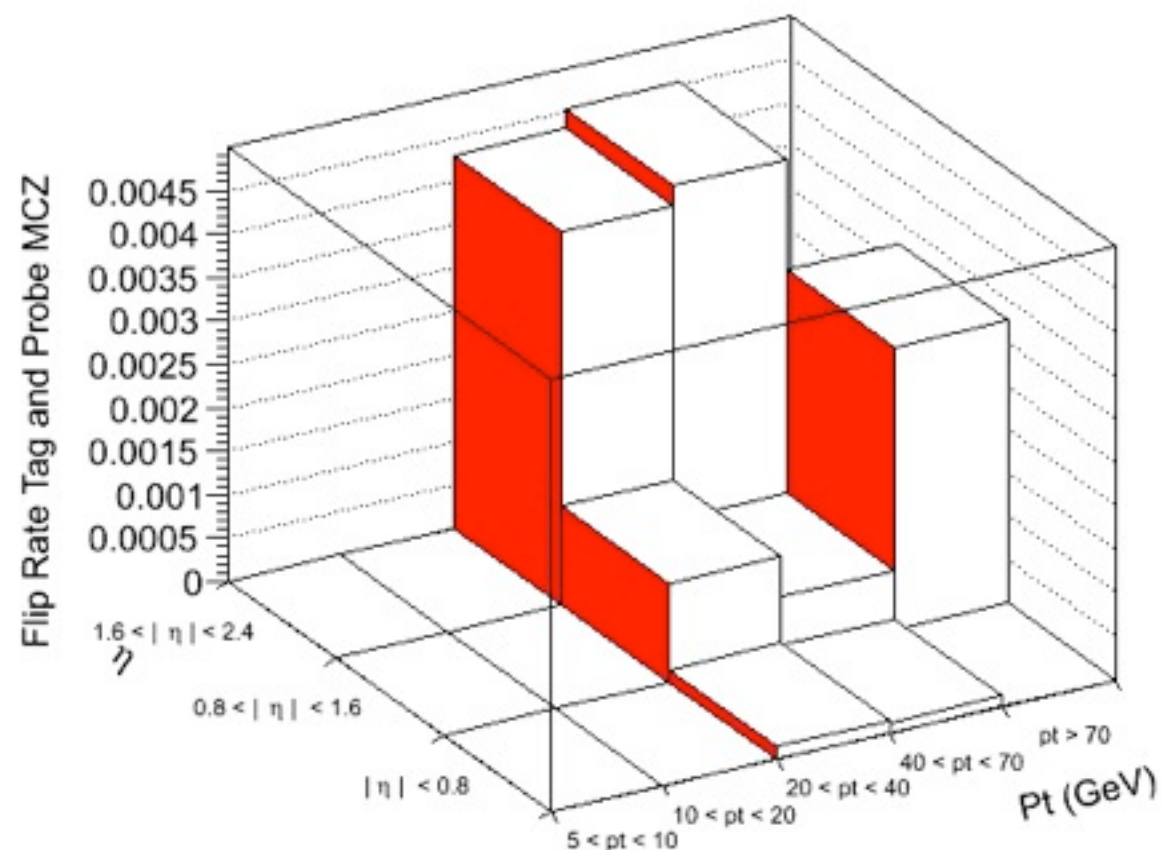


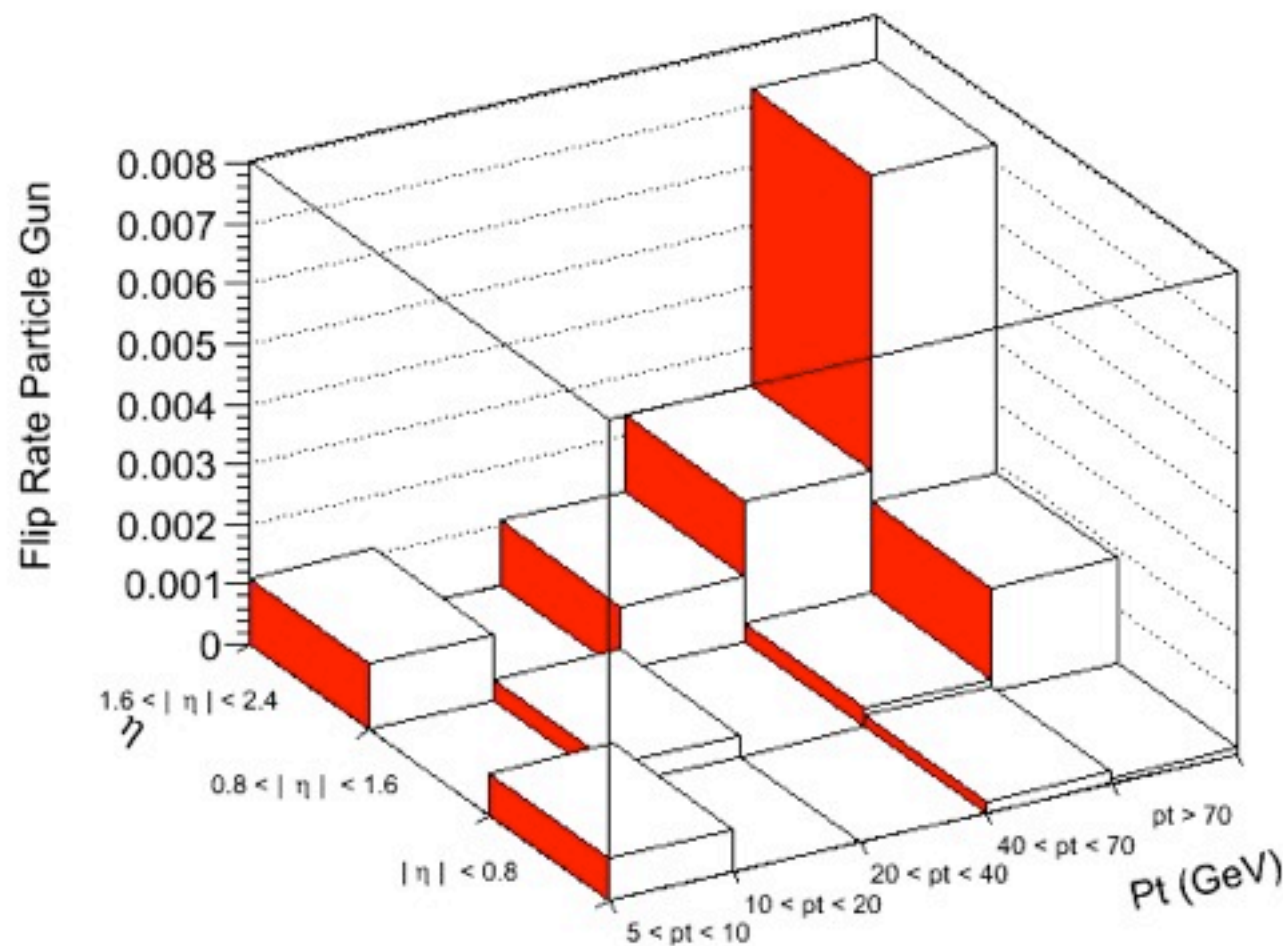


Tag and Probe  
DATA



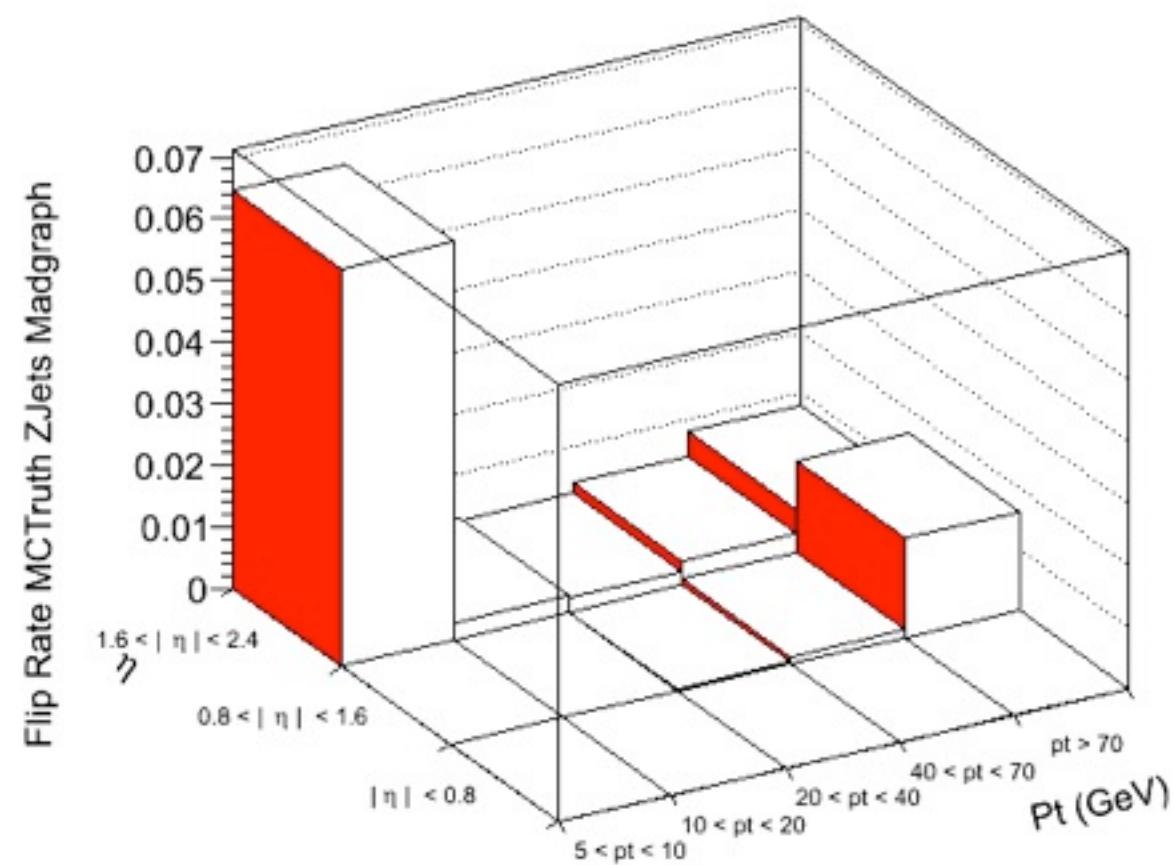
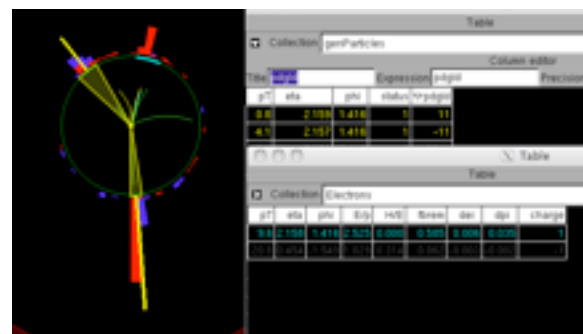
Tag and Probe  
MC Z sample





Particle electron  
Gun

MC Truth Z  
sample



The peak is due to the event in the event display, slide 2

Statistics for data is:

Prompt Reco Dataset

2.70 pb-l (still 1 job missing from 145)

Jul16th dataset

0.119117 nb-l

Jun14th dataset

few more nb-l